



<http://www.mn-arts.org/>

***Don't forget to sign up on the reflector!!***  
***October 2013 Edition***

**From the President**

Just want to make you aware of a couple of items. First, a reminder that we are not having our regular meeting on November 2nd, but heading to W0AIH antenna farm in Eau Claire, WI. Please check the webpage at [www.mn-arts.org](http://www.mn-arts.org) for more information. An email went out on the reflector, so if you haven't signed up yet, this would be a great time so you don't miss anymore announcements.

Second, we will have our annual elections at the December 7th meeting. We will be voting on the president and secretary positions. If you are interested in running for either one, please let me know as soon as possible.

Hope to see you in Eau Claire.

73 de chuck ka8hde

**October Meeting Minutes**

**Old Business:**

- September minutes were approved.

- Trip to the station of Paul Bittner, W0AIH, in Eau Claire has been rescheduled for Nov. 2. Paul Bushouse will be the contact person for this trip. Car pools will meet at the Home Depot parking lot off Radio Drive in Woodbury. Stay tuned for further updates.
- Elections will be held in December for Secretary & President.

**New Business:**

- No new business conducted.

Business meeting was adjourned.

**Show & Tell:**

**Dave Fisk, N0MK**, brought in two different line launchers he uses. The first was a smaller slingshot style which employs a Zebco fishing reel and standard fishing weight. The other, mounted on a long pole can be utilized in two ways: 1) using just the sling shot and a 1 lb weight 2) using the sling shot and fishing reel with an 8 oz weight.

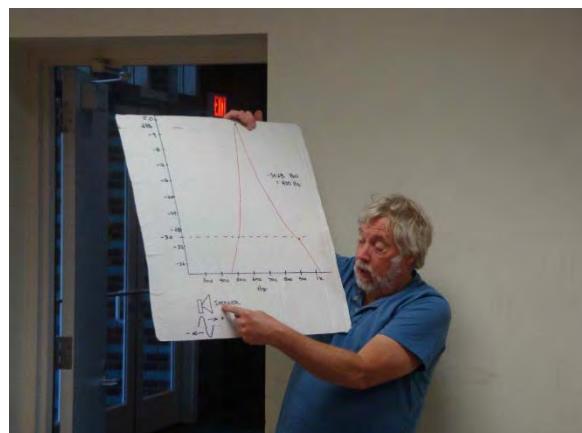
Dave says the 1 lb. weight will loft arborist line up 40 feet. Using the fishing

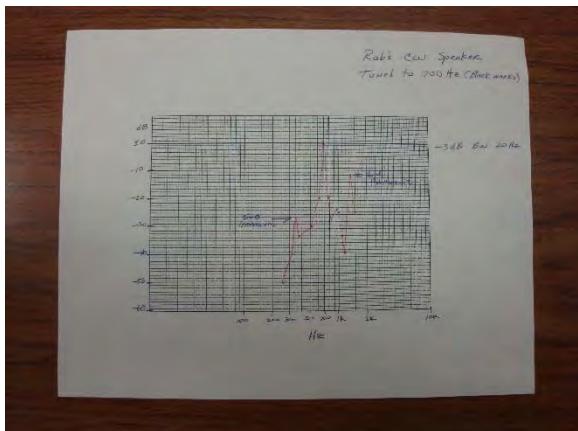
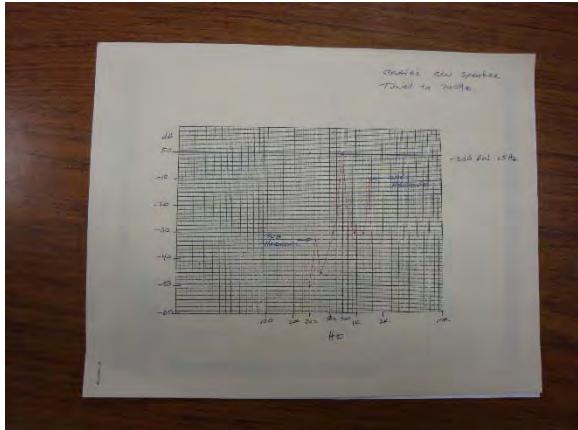
reel and 8 oz. weight he can get over 250 yards.



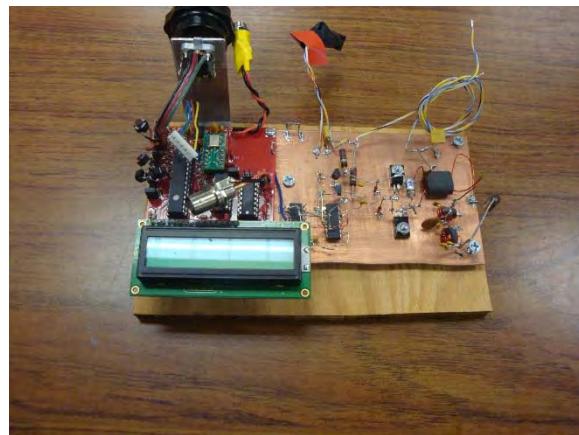
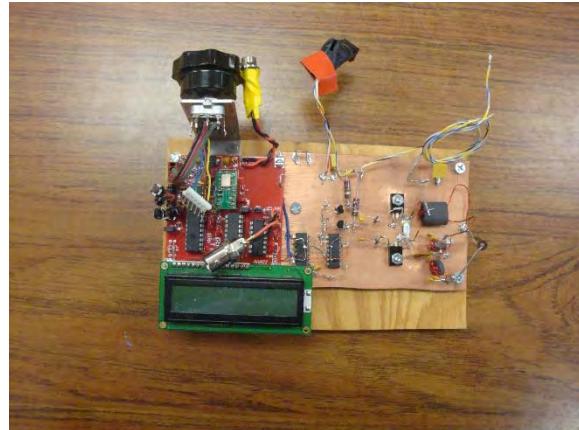
**Craig Siegenthaler, W7BGO**, gave us an update on his CW resonant speaker. He had an updated design and explained how it worked and how to tune it. He then set it up in the

acoustical chamber he built and gave us a demonstration. He also provided us with a chart showing the response of the speaker. Great job!!





**Craig Johnson, AA0ZZ**, brought in a finalized version of his EZ Keyer which will be offered by the Four States Club. Craig explained how the production costs work and how the price of \$30 was arrived at. He also explained the various updates made to the project.



**Mert Nellis**, W0UFO, showed us the latest progress made on the AM transceiver project. Using the frequency module built by Craig he is now driving a PA and obtaining a clean output.

Mert also described the two building projects for the February Build-a-Thon. The first is a QRP wattmeter and the other is a very versatile battery monitor based on a Picaxe processor.

### October Presentation

**Steve Ulrich**, NW0C, gave a presentation on the basics of A/D conversion and then the fundamental steps required to compress audio and video.

Respectfully submitted,

Steve, NW0C

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**Club Officers:**

President: Chuck Stroud/KA8HDE  
Vice Pres: Larry Gaalaas/KB0R  
Secretary: Steve Ulrich/NW0C  
Treasurer: Paul Bushouse/N0TYE  
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